

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PROPOSED AMENDMENT FOR DISCUSSION AT INTERVIEW- NOT FOR ENTRY

APPLICANT: Oliver Heid GROUP ART UNIT: 2862

SERIAL NO.: 09/840,577 EXAMINER: D. Vargas

FILED: April 23, 2001 CONFIRMATION NO.:3801

TITLE: "ELECTRICAL COIL"

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR:

At the interview scheduled for 9:00 a.m. on May 6, 2003, Applicants representative will propose amending the application as follows, and present arguments in support of patentability as summarized below.

IN THE CLAIMS

1. (Twice amended) An electrical coil suitable for use as a gradient coil for a magnetic resonance apparatus, comprising:

at least one electrical conductor configured in a coil pattern;

a carrier structure for said electrical conductor which fixes said coil pattern of said electrical conductor in a predetermined arrangement configuration;

a cooling device component; and

a heat insulator disposed between at least one section of said conductor and said carrier structure.

3. (Twice amended) An electrical coil as claimed in claim 1 wherein said at last one section of said electrical conductor is a first section and wherein said cooling devic component cools at least one second section of said electrical conductor.

4. (Twice amended) An electrical coil as claimed in claim 3 wherein said at least said one second section of said electrical conductor proceeds in an edge region of a spatial extent of said coil.

Cancel claims 14 and 15.